## CLAIMS

What is claimed is:

1.    A network-linked computer platform configuration data access management method for use on a network-linked computer platform that is provided with at least one

5    management function and linked to a network system linked to a number of system administration workstations, for the purpose of allowing a group of system administrators to browse the configuration data of each management function of the network-linked computer platform at the same time while allowing only one system administrator to modify the configuration data of the same management function at the same time;

10    the network-linked computer platform configuration data access management method comprising:

establishing a table data module, which is a data-only module used to store the current-access-status property of each management function of the network-linked computer platform;

15    in the event of any one of the system administration workstations issues a management function access request, inquiring the table data module whether the management function being requested for modification is currently being accessed; if NO, generating an access-permit message; whereas if YES, generating an access-inhibit message;

20    in response to the access-permit message, performing an access-status registration procedure to set the current-access-status property of the requested management function to TRUE in the table data module; and then permitting the requesting workstation to gain access to and modify the configuration data of the requested management function; and

in response to the access-inhibit message, performing an access-inhibiting procedure to inhibit the requesting workstation to modify the configuration data of the requested management function.

2.  The network-linked computer platform configuration data access management method of claim 1, further comprising:

a timing procedure, which is capable of being activated to count time for a preset timeout length promptly after the system administrator at the requesting workstation starts modifying the configuration data of the requested management function, and which is further capable of generating an access-inhibit message at timeout to inhibit access to the configuration data of the requested management function.

3.  The network-linked computer platform configuration data access management method of claim 1, wherein the management function configuration data includes authorized user profiles, hard disk settings, and system security settings.

4.  The network-linked computer platform configuration data access management method of claim 1, wherein the access-inhibiting procedure allows the system administrator at the requesting workstation to view the contents of the configuration data of the requested management function but not to modify.

5.  A network-linked computer platform configuration data access management system for use with a network-linked computer platform that is provided with at least one management function and linked to a network system linked to a number of system administration workstations, for the purpose of allowing a group of system administrators to browse the configuration data of each management function of the network-linked

computer platform at the same time while allowing only one system administrator to modify the configuration data of the same management function at the same time;

the network-linked computer platform configuration data access management system comprising:

5          a table data module, which is a data-only module used to store the current-access-status property of each management function of the network-linked computer platform;

a request responding module, which is capable of detecting whether any one of the system administration workstations has issued a management function access request; and if YES, capable of issuing an inquiry request message;

10          an inquiry module, which is capable of being activated in response to the inquiry request message from the request responding module to inquire the table data module whether the management function being requested for modification is currently being accessed; if NO, the inquiry module generating an access-permit message; whereas if YES, the inquiry module issuing an access-inhibit message;

15          an access-status registration module, which is capable of being activated in response to the access-permit message from the inquiry module to set the current-access-status property of the requested management function to TRUE; and

an access module, which is capable of being activated in response to the access-permit message from the inquiry module to allow the system administrator at the

20          requesting workstation to gain access to and modify the configuration data of the requested management function, and capable of being activated in response to the access-inhibit message from the inquiry module to inhibit the system administrator at the requesting workstation to modify the configuration data of the management function.

6.    The network-linked computer platform configuration data access management system of claim 5, further comprising:

a timing module, which is capable of being activated to count time for a preset timeout length promptly after the system administrator at the requesting workstation starts

5    modifying the configuration data of the requested management function, and which is further capable of generating an access-inhibit message at timeout to inhibit access to the configuration data of the requested management function.

7.    The network-linked computer platform configuration data access management system of claim 5, wherein the management function configuration data includes

10    authorized user profiles, hard disk settings, and system security settings.

8.    The network-linked computer platform configuration data access management system of claim 5, wherein the access module, when inhibited, allows the system administrator at the requesting workstation to view the contents of the configuration data of the requested management function but not to modify.

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